

Customer Service

If, despite correct handling, faults or malfunctions occur or if the product was damaged, please contact the company at the address below:

ELDAT GmbH

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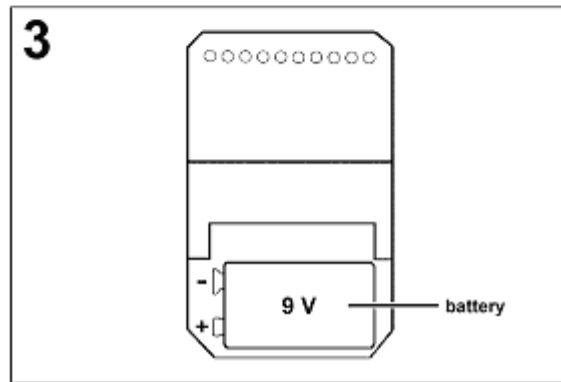
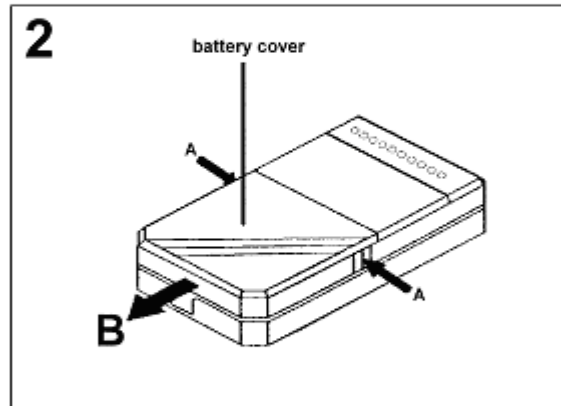
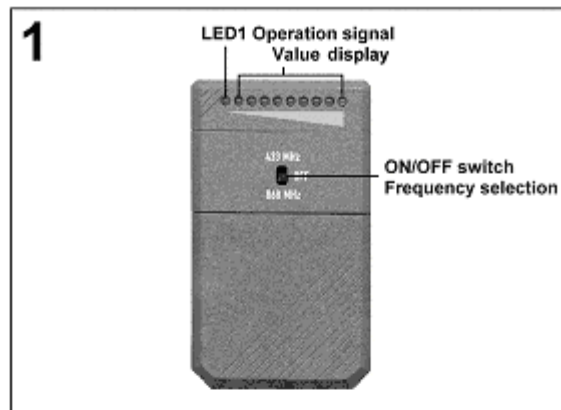


Frequency Detector 433/868 MHz

Operating Instructions

RFD01

ELDAT



Technical Details

Modulation	detects amplitude- (AM, ASK, OOK) and frequency-modulated (FM, FSK) signals
Frequency	433,92 MHz or 868,3 MHz
Bandwidth	± 300 kHz
Sensitivity	approx. 1,2 µV (approx. -106 dBm)
Power supply	1 x 9V monobloc battery
Current consumption	approx. 25 mA
Operating temperature	-20 °C ... +60 °C
Dimensions	approx. 110 x 65 x 25 mm
Weight	approx. 110 g (including battery)

Scope of Delivery

Frequency detector, Operating instructions, 9V monobloc battery

Unpacking the Equipment

Remove the packaging from all components and check that the delivery is complete.

Function

The frequency detector shows in a simple way whether an interference signal has been detected in the corresponding frequency band.

The device detects 433,92 MHz and 868,3 MHz amplitude (AM, ASK, OOK) and frequency-modulated (FM, FSK) signals.

Trends can be clearly recognized via the quasi analog LED display. In this way the source of the interference can be more quickly localized.

Start-Up

Set the ON/OFF switch to the corresponding frequency (433 MHz oder 868 MHz). LED1 glows indicating that the unit is ready for operation (see fig. 1).

Depending on the intensity, existing 433 / 868 MHz frequency signals are then indicated in the measuring value display by LEDs 2 – 10 (see fig. 1) lighting up.

Inserting the 9V Monobloc Battery

If after switching the unit on, LED1 (see fig. 1) glows weakly or not at all, then change the battery.

Changing the battery:

- Grasp the battery compartment cover at both sides A and slide in the direction of arrow B (see fig. 2).
- Insert a new battery. Make sure the poling is correct (observe symbols + and – in the battery compartment). Use 9 V monobloc batteries only (see fig. 3).
- Slide battery compartment cover back on.

Caution! Keep batteries out of reach of children!

Cleaning

- Wipe the casing carefully with a damp, fluff-free cloth.
- Do not use cleansing agents containing organic solvents. These pose a health risk and may damage the surface of the casing.

Disposal

Waste electrical products and batteries should not be disposed of with household waste!

Dispose of the waste product via a collection point for electronic scrap or via your specialist dealer.

Dispose of used batteries in a recycling bin for batteries or via the specialist trade.

Put the packaging material into the recycling bins for cardboard, paper and plastics.

